



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO		<b>Complete if Known</b>			
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/689,165		
		Filing Date	October 20, 2003		
		First Named Inventor	DONALD K. SMITH		
		Art Unit	3742		
		Examiner Name	M. Paschall		
Sheet	1	of	1	Attorney Docket Number	ASX-015USC4

U.S. PATENT DOCUMENTS						
Exami ner Initials'	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
M ↓ M	A144	US-	4,680,694		Huynh et al.	
	A145	US-	4,779,182		Mickal et al.	
	A146	US-	5,106,827		Borden et al.	
	A147	US-	5,238,532		Zarowin et al.	
	A148	US-	5,285,372		Huynh et al.	
	A149	US-	5,291,415		Zarowin et al.	
	A150	US-	5,298,103		Steinberg et al.	
	A151	US-	5,359,180		Park et al.	
	A152	US-	5,376,224		Zarowin	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
M	C145	Didenko et al., "An Intense Source of Optical Emission from Electrodeless Low-Frequency Discharge in Vapors of Sulfur and Mercury," <u>Doklady Physics</u> , Vol. 45, No. 4 (2000) pp. 155-156.	
M	C146	Goldsborough et al., "RF Induction Excitation of CW Visible Laser Transitions in Ionized Gases," <u>Appl. Phys. Lett.</u> , Vol. 8, No. 6 (March 15, 1966) pp. 137-139.	
M	C147	Herman, "Plasma-Sprayed Coatings," <u>Scientific American</u> (September 1988) pp. 112-117.	
M	C148	<u>Journal of Technical Physics</u> , Vol. 33, No. 10 (1963) pp. 1169-1172. (RUSSIAN)	
M	C149	Smith, "Thin-Film Deposition: Principles and Practice," McGraw Hill, Boston, (1995) pp. 520-525.	
M	C150	Vasil'kovskaya et al., "Some Problems of Experimental Investigation of Vortex Flows of Gas in a Cylindrical Channel and Toroidal Chamber," <u>News of the Siberian Division of the USSR Academy of Science</u> , Vol. 8, No. 2 (1982).	
M	C151	Zarowin, "New Visible CW Laser Lines in Singly-Ionized Chlorine," <u>Appl. Phys. Lett.</u> , Vol. 9, No. 6 (September 15, 1966) pp. 241-242.	
M	C152	Zarowin et al., "A Novel Approach to the Design of a Transistorized Inverter-Converter operating at Higher than Audio Frequencies," <u>IEEE Journal of Solid-State Circuits</u> , Vol. SC-7, No. 4 (August 1972) pp. 292-296.	

Examiner Signature	M. Paschall	Date Considered	9/10/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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SHEET 1 of 3

FORM PTO - 1449

SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT

ATTY DOCKET NO.: ASX-015C4

APPLICANTS: Smith et al.

SERIAL NO.: 10/689,165

FILING DATE: October 20, 2003

GROUP: 2821

## U.S. PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>M</i>	A127	2,981,902	04/25/1961	Familier	333	17	06/22/1959
	A128	3,509,500	04/28/1970	McNair et al.	334	47	12/05/1966
	A129	3,794,941	02/26/1974	Templin	333	17	05/08/1972
	A130	3,906,405	09/16/1975	Kommrusch	333	17	07/01/1974
	A131	4,095,198	06/13/1978	Kirby	333	32	01/31/1977
	A132	4,201,960	05/06/1980	Skutta et al.	333	17	05/24/1978
	A133	4,486,722	12/04/1984	Landt	333	17	02/18/1982
	A134	4,486,723	12/04/1984	Lysobey	333	17	01/06/1983
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	A136	5,458,732	10/17/1995	Butler et al.	216	61	01/28/1994
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<i>M</i>	A142	6,424,232	07/23/2002	Mavretic et al.	333	17.3	11/30/1999
EXAMINER <i>MPadin</i>				DATE CONSIDERED <i>9/10/05</i>			

FORM PTO - 1449				ATTY DOCKET NO.: ASX-015C4					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANTS: Smith et al. SERIAL NO.: 10/689,165 FILING DATE: October 20, 2003 GROUP: 2821					
<b>U.S. PATENT DOCUMENTS</b>									
EXAM INIT.		DOCUMENT NO.	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>A</i>	A143	6,459,066	10/01/2002	Khater et al.	219	121.41	06/08/2001		
<b>FOREIGN PATENT DOCUMENTS</b>									
EXAM INIT.		DOCUMENT NO.	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>m</i>	B7	39 42 560 C2	05/02/1996	DE	X	X		NO	YES - Translation
<i>n</i>	B8	2056702	03/20/1996	RU				NO	NO
<i>n</i>	B9	2094961	10/27/1997	RU				NO	NO
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
EXAM INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
<i>n</i>	C126	Heckman et al., Advanced Energy Marketing Materials, "The Evolution of RF Power Delivery in Plasma Processing," (Copyright 1998) pp. 1-8.							
<i>n</i>	C127	Advanced Energy Marketing Materials, "Introducing Power Supplies and Plasma Systems," (Copyright 1992) pp. 1-8.							
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	C129	Advanced Energy Industries, Inc., Presentation "Advances in 13.56 MHz Applications" by Knipp (date unknown) pp. 1-32.							
<i>n</i>	C130	CRC Handbook of Chemistry and Physics (1979-1980) pp. E-60.							
<i>m</i>	C131	Eckert, "The Hundred Year History of Induction Discharges," <u>Proceedings of The Second Annual International Conference of Plasma Chemistry and Technology</u> (November 12-13, 1984) pp 171-202.							
EXAMINER <i>mmp/edw</i>					DATE CONSIDERED <i>9/10/02</i>				

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM INIT.		OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
M	C132	Foutz, "Switching-Mode Power Supply Design" (January 17, 2001) pp. 1-3.
M	C133	Gale et al., "Characterization of a Micromachined Electrical Field-Flow Fractionation ( $\mu$ EFFF) System" (no date) pp. 1-6.
	C134	"An Intelligent Solution to RF Load-Power Variability," Vol. 2, No. 3, 3 <sup>rd</sup> Quarter (1995) pp 1-8.
	C135	Lenk, "Switching Power-Supply Basics," <u>Simplified Design of Switching Power Supplies</u> (1995) pp. 1.
	C136	"Linear Circuit Analysis," <u>Electrical Engineering Handbook</u> , (Copyright 1993) pp. 85.
	C137	Massey, "Fabric antennas for mobile telephony integrated within clothing" (no date) pp. 1-4.
	C138	Memorandum Opinion, US District Court for the District of Delaware dated February 12, 2004.
	C139	Order, US District Court for the District of Delaware dated February 12, 2004.
	C140	Pressman, <u>Switching Power Supply Design</u> , (no date) pp. xvii.
	C141	"Principals and Techniques," <u>Electrical Engineers' Handbook</u> , (Copyright 1997) pp. 3.40-3.41.
	C142	<u>Remote Plasma Source</u> Chapter 2, (March 2001) pp. 2-1 - 2-6.
✓	C143	Ulanov et al., "Study of the Transformer-Coupled Induction Toroidal Discharge for Development of Plasma-Chemical Reactors and New Light Sources," (date unknown) pp. 1-19.
M	C144	Talanov et al., "Measurement of the absolute penetration depth and surface resistance of superconductors and normal metals with the variable spacing parallel plate resonator," <u>Review of Scientific Instruments</u> , Vol. 71, No. 5 (May 2000) pp. 2136-2146.
EXAMINER <i>M. Eschall</i>		DATE CONSIDERED <i>9/10/05</i>